## **NC 2010 Integrated Report**

## Category 5-303(d) List Approved by EPA August 31, 2010

|                     |                               | NC  | ' 2010 Integrated De                                       | nort                  |                      |            |  |
|---------------------|-------------------------------|---|--|-----------------------|----------------------|------------|--|
| ΔII 13              | L123 Waters in                |   | C 2010 Integrated Re  List for Mercury due to statewide f  | -                     | for several fish sne | cies       |  |
| U_Numb              |                               |   | _Description   | LengthArea            |                      | ification  |  |
| Category            | Parameter                     |   | Reason for Rating  | Use Category          | Collection Year      | 303(d)year |  |
| Savanna             | h River Basin                 |   | Headwaters Keowee  | River-Lake Jocassee W | atershed 0306        | 010101     |  |
| avannah River Basin |                               |   | Seneca River Subbasin                                      |                       | 03                   | 03060101   |  |
| Savanna             | h River Basin                 |   | Headwaters Keowee  |                       |                      | 010101     |  |
| 9 4-7-(             | (1)                           | Bearwallow Creek                                      | From source to a point 2.3 m of mouth                      | iles upstream         | 3.9 FW Miles         | C;Tr:@     |  |
| 1                   | Ecological/bio                | ological Integrity Benthos                            | Not Impaired Bioclassification                             | Aquatic Life          | 2001                 |            |  |
| 4-7-(               | (2)                           | Bearwallow Creek                                      | From a point 2.3 miles upstre<br>to Toxaway River          | eam of mouth          | 2.2 FW Miles         | C;Tr,HQV   |  |
| 1                   | Ecological/bio                | ological Integrity Benthos                            | Excellent Bioclassification                                | Aquatic Life          | 2004                 |            |  |
| 4-13                | -10                           | <b>Burlingame Creek</b>                               | From source to Horsepasture                                | e River               | 1.5 FW Miles         | С          |  |
| 3a                  | Ecological/bio                | ological Integrity Benthos                            | Not Rated Bioclassification                                | Aquatic Life          | 2006                 |            |  |
| 4-13                | -9                            | Hogback Creek   | From source to Horsepasture                                | e River               | 1.6 FW Miles         | C;Tr       |  |
| 3a                  | Ecological/bio                | ological Integrity Benthos                            | Not Rated Bioclassification                                | Aquatic Life          | 2006                 |            |  |
| 4-13                | -(0.5)b                       | Horsepasture River                                    | From dam at Sapphire Lake t                                | o NC 281              | 3.9 FW Miles         | C;Tr       |  |
| 1                   | Ecological/bio                | ological Integrity Benthos                            | Good Bioclassification                                     | Aquatic Life          | 2006                 |            |  |
| 1                   | Fecal Colifor                 | m (recreation)  | No Criteria Exceeded                                       | Recreation            | 2008                 |            |  |
| 3a                  | High Water                    | Геmperature   | Potential Standards Violation                              | Aquatic Life          | 2008                 |            |  |
| 1                   | Water Qualit                  | y Standards Aquatic Life                              | No Criteria Exceeded                                       | Aquatic Life          | 2008                 |            |  |
| 4-13                | 4-13-(12.5) Horsepasture Rive |   | From N.C. Hwy. 281 (Bohayn<br>North Carolina-South Carolin | •                     | 4.6 FW Miles         | B;Tr       |  |
| 1                   | Ecological/bio                | ological Integrity Benthos                            | Excellent Bioclassification                                | Aquatic Life          | 2006                 |            |  |
| 4-13                | -(0.5)a1                      | Horsepasture River<br>(Lupton Lake,<br>Sapphire Lake) | From source to Lupton Lake,                                | Sapphire Lake         | 5.5 FW Miles         | C;Tr       |  |
| 1                   | Ecological/bio                | ological Integrity Benthos                            | Good-Fair Bioclassification                                | Aquatic Life          | 2006                 |            |  |
| 4-5-(               | 4-5-(3) Indian Creek          |   | From Dam at Indian Lake Est<br>Recreation Lake to Toxaway  |                       | 5.4 FW Miles         | C;Tr       |  |
| 1                   | Ecological/bio                | ological Integrity Benthos                            | Excellent Bioclassification                                | Aquatic Life          | 2004                 |            |  |
| 4-13                | -8                            | Little Hogback Creek                                  | From source to Horsepasture                                | River                 | 1.8 FW Miles         | C;Tr       |  |
| 1                   | Ecological/bio                | ological Integrity Benthos                            | Not Impaired Bioclassification                             | Aquatic Life          | 2006                 |            |  |
| 4-13                | -3                            | Logan Creek   | From source to Horsepasture                                | e River               | 2.1 FW Miles         | C;Tr       |  |
| 1                   | Ecological/bio                | ological Integrity Benthos                            | Not Impaired Bioclassification                             | Aquatic Life          | 2006                 |            |  |

|     |       |         |                                       | NC 2010 Integrated Report  |                              |  |  |
|-----|-------|---------|---------------------------------------|--|------------------------------|--|--|
|     |       |         |                                       | List for Mercury due to statewide fish consumption advice for several fish species  J Description LengthArea AU Units Classification |                              |  |  |
|     |       | Paramet | AU_Name<br>ter                        | AU_Description Length/ Reason for Rating Use Category  | Collection Year 303(d)year   |  |  |
| Sav | vanna | h River | Basin                                 | Headwaters Keowee River-Lake Jocasse   | ee Watershed 0306010101      |  |  |
| •   | 4-13  | -11     | Rock Creek                            | From source to Horsepasture River  | 1.8 FW Miles C;Tr            |  |  |
|     | 1     | Ecologi | cal/biological Integrity Bentho       | Not Impaired Bioclassification Aquatic Life  | 2006                         |  |  |
| •   | 4-14  | -6      | Thompson River                        | From source to North Carolina-South<br>Carolina State Line   | <b>5.9 FW Miles</b> C;Tr     |  |  |
|     | 1     | Ecologi | cal/biological Integrity Bentho       | es Excellent Bioclassification Aquatic Life  | 2004                         |  |  |
| •   | 4-(4) |         | TOXAWAY RIVER                         | From Dam at Lake Toxaway Estates, Inc. to<br>North Carolina-South Carolina State Line  | 6.2 FW Miles C               |  |  |
|     | 1     | Ecologi | cal/biological Integrity Bentho       | Excellent Bioclassification Aquatic Life   | 2004                         |  |  |
| •   | 4-(1) |         | TOXAWAY RIVER<br>(Lake Toxaway)       | From source to Dam at Lake Toxaway<br>Estates, Inc.  | <b>524.9 FW Acres</b> B;Tr   |  |  |
|     | 1     | Water ( | Quality Standards Aquatic Lit         | No Criteria Exceeded Aquatic Life  | 2008                         |  |  |
| •   | 4-13  | -5-(3)  | Trays Island Cree<br>(Fairfield Lake) | k From Camp Merrie-Woods Water Supply<br>Intake to Dam at Fairfield Lake   | <b>72.2 FW Acres</b> B       |  |  |
|     | 1     | Ecologi | cal/biological Integrity Bentho       | Not Impaired Bioclassification Aquatic Life  | 2006                         |  |  |
| •   | 4-14  | -(1.5)  | Whitewater Rive                       | From Little Whitewater Creek to North Carolina-South Carolina State Line   | <b>5.2 FW Miles</b> C;Tr,HQW |  |  |
|     | 1     | Ecologi | cal/biological Integrity Bentho       | Excellent Bioclassification Aquatic Life   | 2004                         |  |  |

|                      |         |                  |                                   | NC 2010 Integrate  | d Renort               |                           |            |  |
|----------------------|---------|------------------|-----------------------------------|--|------------------------|---------------------------|------------|--|
|                      | All 13. | .123 Waters in N |                                   | B(d) List for Mercury due to state                         |                        | rice for several fish spe | cies       |  |
| AU_                  | Numb    |                  | Name                              | AU_Description   | •                      | · ·                       | ification  |  |
| Cat                  | egory   | Parameter        |                                   | Reason for Rating  | Use Category           | Collection Year           | 303(d)year |  |
| Savannah River Basin |         |                  |                                   |  | Chattooga Rive         | r Watershed 0306          | 010201     |  |
| Savannah River Basin |         |                  |                                   | Tu   | Tugaloo River Subbasin |                           | 03060102   |  |
| Sav                  | /annal  | n River Basin    |                                   |  | Chattooga Rive         | r Watershed 0306          | 010201     |  |
| •                    | 3-10-   | -2-2-2           | Abes Creek                        | From source to West  | Fork Overflow Creek    | 1.7 FW Miles              | C;Tr,ORV   |  |
|                      | 1       | Ecological/biol  | ogical Integrity Bentho           | Not Impaired Bioclassi                                     | fication Aquatic Life  | 1999                      |            |  |
| •                    | 3-10-   | -3               | Big Creek                         | From source to North<br>State Line                         | Carolina-Georgia       | 4.1 FW Miles              | C;Tr,ORV   |  |
|                      | 1       | Ecological/biol  | ogical Integrity Bentho           | Excellent Bioclassificat                                   | ion Aquatic Life       | 2004                      |            |  |
| •                    | 3b      |                  | CHATTOOGA RIVE                    | From Ut below Cashie<br>Timber Ridge to Nort<br>State Line |                        | 10.4 FW Miles             | B;Tr,ORV   |  |
|                      | 1       | Ecological/biol  | ogical Integrity Bentho           | Excellent Bioclassificat                                   | ion Aquatic Life       | 2004                      |            |  |
| •                    | 3a1     |                  | CHATTOOGA RIVE<br>(Cashiers Lake) | <b>ER</b> From source to dam a                             | t Cashiers Lake        | 23.7 FW Acres             | B;Tr,ORV   |  |
|                      | 3a      | Low Dissolved    | Oxygen                            | Potential Standards Vic                                    | olation Aquatic Life   | 2008                      |            |  |
| •                    | 3-10-   | -2-3             | Clear Creek                       | From source to North<br>State Line                         | Carolina-Georgia       | 4.1 FW Miles              | B;Tr       |  |
|                      | 1       | Ecological/biol  | ogical Integrity Bentho           | Excellent Bioclassificat                                   | ion Aquatic Life       | 1999                      |            |  |
| •                    | 3-1-(   | 2)               | Fowler Creek                      | From Upper Dam at H<br>Chattooga River                     | ampton Lake to         | 4.0 FW Miles              | C;Tr:+     |  |
|                      | 1       | Ecological/biol  | ogical Integrity Bentho           | Excellent Bioclassificat                                   | ion Aquatic Life       | 1999                      |            |  |
| •                    | 3-3b    |                  | Norton Mill Creek                 | From dam at Camelot<br>River                               | Lake to Chattooga      | 3.1 FW Miles              | C;Tr:+     |  |
|                      | 1       | Ecological/biol  | ogical Integrity Bentho           | Good Bioclassification                                     | Aquatic Life           | 2004                      |            |  |
| <b>9</b>             | 3-7     |                  | Scotsman Creek                    | From source to Chatto                                      | ooga River             | 3.0 FW Miles              | C;Tr,ORV   |  |
|                      | 1       | Ecological/biol  | ogical Integrity Bentho           | Excellent Bioclassificat                                   | ion Aquatic Life       | 1999                      |            |  |